

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP2005/001573

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07K16/28 C07K16/30 C07K16/46 A61K39/395 A61P31/00
A61P33/00 A61P35/00 A61P37/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07K A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, Sequence Search, CHEM ABS Data, MEDLINE, BIOSIS, EMBASE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 96/26964 A (PROTEIN DESIGN LABS, INC; IOWA IMMUNOTHERAPY INVESTIGATORS) 6 September 1996 (1996-09-06) page 4, line 21 - page 5, line 25 figure 5 page 11, line 27 - line 32 page 25, line 8 - page 27, line 5 claims 1-5,16-33; examples 3-5 ----- -/--	1,7,8, 10,15, 16, 18-28,31



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
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"O" document referring to an oral disclosure, use, exhibition or other means
"P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

9 June 2005

Date of mailing of the international search report

20/06/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
✓A	MACK M ET AL: "A SMALL BISPECIFIC ANTIBODY CONSTRUCT EXPRESSED AS A FUNCTIONAL SINGLE-CHAIN MOLECULE WITH HIGH TUMOR CELL CYTOTOXICITY" PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF USA, NATIONAL ACADEMY OF SCIENCE. WASHINGTON, US, vol. 92, no. 15, 18 July 1995 (1995-07-18), pages 7021-7025, XP000566333 ISSN: 0027-8424 the whole document	1, 4, 7-10, 13-28, 31
✓A	WO 94/28027 A (ARCH DEVELOPMENT CORPORATION; BLUESTONE, JEFFREY, A; ZIVIN, ROBERT, A;) 8 December 1994 (1994-12-08) the whole document, especially SEQ-ID 8	1-28, 31
✓X	WO 99/54440 A (DOERKEN, BERND; RIETHMUELLER, GERT; KUFER, PETER; LUTTERBUESE, RALF; B) 28 October 1999 (1999-10-28) the whole document	17-28, 31
A		1-12, 15, 16
✓P, X	EP 1 454 917 A (TOHOKU TECHNO ARCH CO., LTD) 8 September 2004 (2004-09-08) paragraphs '0001!', '0023!', '0027! - '0029!', '0040!', '0041!', '0046!', '0066! claims 1-25	1, 4, 7-10, 13-28, 31
✓P, X	WO 2004/106381 A (MICROMET AG; KUFER, PETER; LUTTERBUESE, RALF; KOHLEISEN, BIRGIT; ZEMAN) 9 December 2004 (2004-12-09) page 5, line 5 - line 6 page 6, line 25 - line 31 page 9, line 22 - line 25 page 10, line 26 - line 33 page 11, line 24 - line 32 page 13, line 22 - line 29 page 14, line 30 - page 15, line 20 page 22, line 16 - line 33 page 23, line 8 - line 26 page 24, line 16 - line 28 claims 1, 6-8, 12, 15-19, 25; sequences 55-57	1-12, 15-28, 31
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
✓P,X	WO 2004/106383 A (MICROMET AG; KUFER, PETER; BERRY, MEERA; OFFNER, SONJA; BRISCHWEIN, KL) 9 December 2004 (2004-12-09) page 1, line 5 - line 15 page 5, line 24 - line 26 page 9, line 25 - page 10, line 10 page 14, line 15 - line 18 page 15, line 6 - line 21 page 21, line 25 - page 22, line 2 page 31, line 29 - line 31 page 33, line 8 - line 15 sequence 74 -----	1-10, 13-28,31